

Recent development on Triassic stratigraphy

Guex J. & Baud A.

Foreword:

The papers published in the present Memoir were presented at the International Symposium on Triassic stratigraphy held in Lausanne from October 20 to 25, 1991.

This symposium was organized under the auspices of the Subcommittee on Triassic Stratigraphy (STS, Chairman A. Baud). About 60 scientists attended the meeting: Angiolini, L., Balini, M., Baud, A., Belhadj, Z., Benchabla, M., Besse, J., Beutler, G., Brack, P., Brandner, R., Budurov, K., Carter, E. S., Ciarapica, G., Cirilli, S., Courel, L., Dagys, A. S., Dagys, A. A., De Graciansky, P.-C., Demathieu, G., De Zanche, V., Dobruskina, I., Durand, M., Egorov, A., Frechengues, M., Furrer, H., Gaetani, M., Gazdzicki, A., Gianolla, P., Goczan, F., Gradinaru, E., Guex, J., Haas, J., Hagdorn, H., Hirsch, F., Jacobshagen, V., Jadoul, F., Kolar-Jurkovsek, T., Kotlyar, G., Kovacs, S., Krystyn, L., Laghi, G., Lepper, J., Martini, R., Mastandrea, A., Mertmann, D., Mork, A., Nakazawa, K., Oravec-Scheffer, A., Palfy, J., Posenato, R., Remane, J., Rettori, R., Rieber, H., Russo, F., Siblik, M., Sishkin, M. A., Sobolev, E. S., Sudar, M., Tiwari, R.S., Tozer, E.T., Trifonova, E., Van Veen, P. M., Vijaya, V., Virgili, C., Voros, A., Warrington, G., Weitschat, W., Zakharov, Y., Zamparelli, R., Zaninetti, L. Several scientists from the Eastern Countries and from India had the opportunity to attend the symposium thanks to a generous support from the Swiss Academy of Sciences and from the Swiss National Research Foundation.

The technical organization of the meeting was greatly eased by the Geological Museum of Lausanne (Mr E. Thibault), the University and the Institute of Geology (Mrs A.M. Magnenat and L. Dufresne). Several collaborators which are warmly acknowledged contributed to the preparation of the present Memoir: Mr M. Jaboyedoff (Institute of Mineralogy, Lausanne) for redrawing most of the text-figures. Mrs R. Cosca (Institute of Mineralogy, Lausanne) for improving the English text of several papers. Mrs N. Ghazinouri (Geological Museum, Lausanne) for retyping all the original manuscripts which were submitted on hard copies or unusable floppies. We thank the "Fondation Herbette" and the Publications Commission of the University of Lausanne for supporting the financial cost of this memoir.

Contents:

- A. Baud and J. Guex: Foreword I
- H. Bucher: New Ammonoids from the Tylor zone (middle Anisian, middle Triassic) from Northwestern Nevada (USA) 1-8
- K. Budurov and E. Trifonova: Progress in concepts about conodont and foraminifera zonal standards of the Triassic in Bulgaria 9-14
- A.S. Dagys: Lower Triassic stage, substage and zonal scheme of north-eastern Asia 15- 24
- A.S. Dagys and A.A. Dagys: Global correlation of the terminal Triassic 25-34
- F. Hirsch: Triassic multielement conodonts versus eustatic cycles 35-52
- T. Kolar-Jurkovsek: Microfauna from the upper part of Karavanke Mts (Slovenia) 53-62
- G.V. Kotlyar and G.N. Sadovnikov: Events related to the Permian / Triassic boundary in Tethys and Birmia 63-68
- A. Moerk: Triassic transgressive-regressive cycles of Svalbard and other Arctic areas a mirror of stage subdivision 69-82
- K. Nakazawa, T. Ishibashi, T. Kimura, T. Koike, D. Shimizu and A. Yao: Triassic biostratigraphy of Japan based on various taxa 83-104

M.J. Orchard: Conodont biochronology around the early-middle Triassic boundary new data from North America, Oman and Timor 105-114
J. Palfy: Paleoecological, biostratigraphic and paleobiogeographic fingerprints of brachiopod faunas case studies from the Anisian of Hungary 115-120
M.A. Shishkin: Problems of global correlation of the continental Triassic on the basis of Tetrapods 121-126
E.S. Sobolev: Stratigraphic range of Triassic boreal Nautiloidea 127-138
R.S. Tiwari and Vijaya: Synchronicity of palynological events and patterns of extinction at Permo-Triassic boundary in terrestrial sequence of India 139-154
E.T. Tozer: Significance of Triassic stage boundaries defined in North America 155-170
Y.D. Zakharov and E.L. Shkolnik: Permian-Triassic Cephalopod facies and global phosphatogenesis 171-182